

Title (en)

Dual head, three station printer.

Title (de)

Doppelkopf-Dreistationendrucker.

Title (fr)

Imprimante avec double tête et avec trois stations.

Publication

EP 0127145 A1 19841205 (EN)

Application

EP 84105950 A 19840524

Priority

US 50002183 A 19830526

Abstract (en)

A dual head, three station high speed printer for recording retail transactions comprises a single worm driven carriage (40) which supports two side-by-side print heads (36, 38). A tear bar is positioned to impart a 90 DEG change in the orientation of the receipt tape (16) after printing, and the journal tape take-up roll (24) imparts a 180 DEG change in the orientation of the journal tape (14) after printing, whereby both tapes are immediately readable after advancement beyond the printing station. Carriage position detectors (46, 47) are used to increase cycle speeds by eliminating carriage travel across the journal tape (14) when it is not being printed, and pinch rollers (48, 49, 52, 54) which drive the tapes are separable in order to facilitate replacement of the tapes.

IPC 1-7

B41J 3/54

IPC 8 full level

B41J 3/54 (2006.01); **G07G 5/00** (2006.01)

CPC (source: EP)

B41J 3/54 (2013.01); **G07G 5/00** (2013.01)

Citation (search report)

- US 3910396 A 19751007 - EISCHEN ALBERT L, et al
- GB 1564339 A 19800410 - BERKEL PATENT NV
- US 3874492 A 19750401 - HURST KURT
- US 4403878 A 19830913 - HOSOGAYA HIROSHI [JP]

Cited by

EP0195949A3; EP0359580A1; US5456539A; GB2213102B; US6623100B1; WO0115906A1; WO9427828A1

Designated contracting state (EPC)

DE FR SE

DOCDB simple family (publication)

EP 0127145 A1 19841205; JP S602389 A 19850108

DOCDB simple family (application)

EP 84105950 A 19840524; JP 10486584 A 19840525